

Project Title	Funding	Strategic Plan Objective	Institution
A computer-based social intervention for students with high functioning ASD: Using technology to improve special education	\$899,994	Q4.L.D	3-C Institute for Social Development
Using robotics to promote social cognitive skills in the inclusive classroom	\$0	Q4.Other	Anthrotronix, Inc.
PEAT communication scheduler for autism	\$150,000	Q4.S.G	Attention Control Systems, Inc.
Integrative system biology of iPSC-induced neurons for identifying novel drug targets	\$55,200	Q4.S.B	Baylor College of Medicine
Rat knockout models of ASD	\$100,441	Q4.S.B	Baylor College of Medicine
The genetic and neuroanatomical origin of social behavior	\$391,250	Q4.S.B	Baylor College of Medicine
Comparing AMMT vs. Control Therapy in facilitating speech output in nonverbal children with autism	\$0	Q4.S.G	Beth Israel Deaconess Medical Center
Treatment of children with ASD and epileptiform EEG with divalproex sodium	\$68,088	Q4.S.A	Boston Children's Hospital
Randomized phase 2 trial of RAD001 (an mTOR inhibitor) in patients with tuberous sclerosis complex	\$65,000	Q4.L.A	Boston Children's Hospital
Perinatal choline supplementation as a treatment for autism	\$62,500	Q4.S.B	Boston University
ACE Center: Testing the efficacy of a novel intervention for minimally verbal children with ASD	\$377,590	Q4.S.G	Boston University
ACE Center: Inter-regional connectivity in the speech network of minimally verbal children	\$365,407	Q4.S.G	Boston University
A non-interactive method for teaching noun and verb meanings to young children with ASD	\$59,986	Q4.Other	Boston University
Delayed motor learning in autism	\$356,598	Q4.Other	Brandeis University
Tuning anxiety out: Exploring the potential of noise cancellation in ASD sound sensitivity	\$100,000	Q4.S.C	Brunel University
A probiotic therapy for autism	\$62,500	Q4.S.B	California Institute of Technology
Novel probiotic therapies for autism	\$0	Q4.S.B	California Institute of Technology
Randomized clinical trial of mind reading and in vivo rehearsal for children with HFASDs	\$20,000	Q4.S.F	Canisius College
Assessing interactive avatars for use with children with autism	\$76,800	Q4.Other	Carnegie Mellon University
The effects of behavioral intervention on neurological measures of working memory	\$40,811	Q4.S.F	Center for Autism and Related Disorders (CARD)
Teaching children with autism to identify others' knowledge	\$11,660	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to deal with jealousy constructively	\$5,830	Q4.L.D	Center for Autism and Related Disorders (CARD)
Design and evaluation of a motion-sensing computer program for teaching children with autism	\$58,301	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to identify social saliency: Shifting attention	\$29,150	Q4.L.D	Center for Autism and Related Disorders (CARD)

Project Title	Funding	Strategic Plan Objective	Institution
Teaching children with autism to respond to subtle social cues: Desires	\$29,151	Q4.L.D	Center for Autism and Related Disorders (CARD)
Increasing flexibility in children with autism	\$40,811	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism self-monitoring skills	\$40,811	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to detect deception	\$24,904	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with ASD to tell socially appropriate "white lies"	\$18,078	Q4.Other	Center for Autism and Related Disorders (CARD)
Development of an executive function-based intervention for ASD	\$255,420	Q4.Other	Children's Research Institute
Auditory processing training: A novel treatment for sound hypersensitivities in autism	\$181,154	Q4.S.C	Cognionics
16p11.2: defining the gene(s) responsible	\$350,000	Q4.S.B	Cold Spring Harbor Laboratory
Cell type-specific profiling for autism spectrum disorders	\$120,000	Q4.S.B	Columbia University
Investigating the effects of chromosome 22q11.2 deletions	\$300,000	Q4.S.B	Columbia University
Genomic imbalances at the 22q11 locus and predisposition to autism	\$0	Q4.S.B	Columbia University
Growing Up Aware: A parent-based sexuality intervention for children with autism spectrum disorders	\$20,000	Q4.S.H	Columbia University
Efficacy of N-acetyl cysteine in autism	\$146,553	Q4.S.C	Deakin University
Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	\$0	Q4.S.B	Duke University
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	\$150,000	Q4.S.B	Duke University
Understanding copy number variants associated with autism	\$125,000	Q4.S.B	Duke University Medical Center
Characterization of the schizophrenia-associated 3q29 deletion in mouse	\$404,198	Q4.S.B	Emory University
Novel approaches to enhance social cognition by stimulating central oxytocin release	\$149,852	Q4.S.B	Emory University
Oxytocin receptors and social behavior	\$440,363	Q4.S.B	Emory University
Training in translational social neuroscience	\$98,163	Q4.S.B	Emory University
ACE Center: Changing developmental trajectories through early treatment	\$390,669	Q4.L.D	Emory University
Gender and cognitive profile as predictors of functional outcomes in school-aged children with ASD	\$30,000	Q4.S.F	Emory University Marcus Autism Center
Tactile Awareness Prompting (TAP) System	\$74,839	Q4.L.D	Engineering Acoustics, Inc.
1/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder	\$427,655	Q4.S.D	Florida State University

Project Title	Funding	Strategic Plan Objective	Institution
A randomized trial of the SCERTS curriculum for students with autism spectrum disorders in early elementary school classrooms	\$749,849	Q4.S.D	Florida State University
App for Speech Development for Students with ASD	\$150,000	Q4.S.G	HandHold Adaptive, LLC
iPrompt to improve teaching students with ASD	\$305,814	Q4.L.D	HandHold Adaptive, LLC
Establishing next-generation tools for quantitative behavioral phenotyping	\$60,000	Q4.S.B	Harvard Medical School
Prosodic and pragmatic training in highly verbal children with autism	\$100,000	Q4.Other	Harvard University
Exploration of resting-state network dynamics in autism spectrum disorders	\$0	Q4.Other	Harvard University
Intranasal oxytocin for the treatment of children and adolescents with autism spectrum disorders (ASD)	\$0	Q4.S.C	Holland Bloorview Kids Rehabilitation Hospital
A multi-site double-blind placebo-controlled trial of memantine vs. placebo in children with autism	\$0	Q4.L.A	Holland Bloorview Kids Rehabilitation Hospital
Parent-implemented social-pragmatic communication intervention for young children with developmental disabilities	\$0	Q4.L.D	Illinois State University
Joint attention mediated learning intervention for toddlers with autism spectrum disorders and their families	\$879,424	Q4.S.D	Indiana University
Mirtazapine treatment of anxiety in children and adolescents with pervasive developmental disorders	\$94,242	Q4.L.C	Indiana University
4/5-Randomized trial of parent training for young children with autism	\$235,418	Q4.S.D	Indiana University-Purdue University Indianapolis
Pharmacotherapy of pervasive developmental disorders	\$182,830	Q4.L.C	Indiana University-Purdue University Indianapolis
Electronic location reporting for individuals with cognitive disabilities	\$561,963	Q4.S.H	Intellispeak, LLC
SBIR Phase I: A consumer robot designed to help children with autism spectrum disorders practice critical social skills	\$146,639	Q4.Other	Interbots LLC
Comprehensive parent-mediated intervention for children with autism in southern Taiwan	\$100,000	Q4.S.D	Johns Hopkins University
The role of glutamate receptor interacting proteins in autism	\$312,500	Q4.S.B	Johns Hopkins University School of Medicine
Studying the neural development of patient-derived stem cells	\$156,250	Q4.S.B	Johns Hopkins University School of Medicine
Double masked placebo controlled trial of cholesterol in hypocholesterolemic ASD	\$0	Q4.S.C	Kennedy Krieger Institute
Effects of self-generated experiences on social cognitive development in young children with autism	\$149,967	Q4.S.F	Kennedy Krieger Institute
3/3-Multisite RCT of early intervention for spoken communication in autism	\$813,835	Q4.S.F	Kennedy Krieger Institute

Project Title	Funding	Strategic Plan Objective	Institution
Development of a social and communication intervention for preschoolers with autism	\$499,966	Q4.L.D	Kennedy Krieger Institute
Effects of active motor & social training on developmental trajectories in infants at high risk for ASD	\$40,000	Q4.Other	Kennedy Krieger Institute
Software to enrich the noun lexicons and lexical learning of children with autism	\$756,189	Q4.L.D	Laureate Learning Systems, Inc.
Autism Intervention Research Network on Physical Health (AIR-P network)	\$2,079,996	Q4.S.A	Massachusetts General Hospital
Control of synaptic protein synthesis in the pathogenesis and therapy of autism	\$294,937	Q4.S.B	Massachusetts General Hospital
A randomized, controlled trial of intranasal oxytocin as an adjunct to behavioral therapy for autism spectrum disorder	\$0	Q4.S.C	Massachusetts General Hospital
Development of a high-content neuronal assay to screen therapeutics for the treatment of cognitive dysfunction in autism spectrum disorders	\$0	Q4.S.B	Massachusetts Institute of Technology
Synaptic pathophysiology of 16p11.2 model mice	\$125,000	Q4.S.B	Massachusetts Institute of Technology
Neural and cognitive mechanisms of autism	\$0	Q4.S.B	Massachusetts Institute of Technology
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$47,041	Q4.S.B	Massachusetts Institute of Technology
Dissecting the circuitry basis of autistic-like behaviors in mice	\$350,000	Q4.S.B	Massachusetts Institute of Technology
Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)	\$634,243	Q4.S.F	Medical University of South Carolina
Effectiveness of reciprocal imitation training for adolescents with low-functioning autism	\$0	Q4.L.D	Michigan State University
Phase II. Digital interactive scene program for language in autism (DISPL-A)	\$236,912	Q4.S.G	Monarch Teaching Technology, Inc.
The use of non-invasive brain stimulation to improve social relating in autism spectrum disorders	\$0	Q4.S.F	Monash University
Testing the use of helminth worm ova in treating autism spectrum disorders	\$124,802	Q4.L.A	Montefiore Medical Center
Role of cadherin-8 in the assembly of prefrontal cortical circuits	\$155,940	Q4.S.B	Mount Sinai School of Medicine
Identifying therapeutic targets for autism using Shank3-deficient mice (supplement)	\$121,077	Q4.S.B	Mount Sinai School of Medicine
Identifying high-impact therapeutic targets for autism spectrum disorders using rat models	\$137,173	Q4.S.B	Mount Sinai School of Medicine
Identifying therapeutic targets for autism using Shank3-deficient mice	\$484,667	Q4.S.B	Mount Sinai School of Medicine
The role of SHANK3 in autism spectrum disorders	\$0	Q4.S.B	Mount Sinai School of Medicine

Project Title	Funding	Strategic Plan Objective	Institution
Studies of genetic and metabolic disorders, autism and premature aging	\$1,667,480	Q4.S.B	National Institutes of Health
Animal models Of neuropsychiatric disorders	\$974,415	Q4.S.B	National Institutes of Health
Roles of oxytocin and vasopressin in brain	\$1,990,068	Q4.S.B	National Institutes of Health
Trial of a glutamate antagonist in the treatment of OCD and autistic disorders	\$33,959	Q4.L.A	National Institutes of Health
Role of RAS/RAF/ERK pathway in pathogenesis and treatment of autism	\$0	Q4.S.B	New York State Institute for Basic Research in Developmental Disabilities
Do animations facilitate symbol understanding in children with autism?	\$197,259	Q4.S.G	Northeastern University
Cerebellar signaling in mouse models of autism	\$125,000	Q4.S.B	Northwestern University
Mechanisms of stress-enhanced aversive conditioning	\$381,250	Q4.S.B	Northwestern University
Utility of social robots for promoting joint attention in infants and toddlers with disabilities	\$0	Q4.Other	Orelena Hawks Puckett Institute
Comprehensive autism program using Strategies for Teaching based on Autism Research	\$0	Q4.S.D	Portland State University
Hybrid social communication intervention for children with ASD: Sibling mediation and video modeling	\$59,998	Q4.Other	Portland State University
PsychoGenics Inc.	\$147,925	Q4.S.B	PsychoGenics Inc.
Animal-assisted intervention for children with autism spectrum disorder	\$75,007	Q4.L.D	Purdue University
Examining the efficacy of classroom pivotal response teaching in classroom environments	\$653,534	Q4.S.D	Rady Children's Hospital Health Center
Translating pivotal response training into classroom environments	\$0	Q4.L.D	Rady Children's Hospital Health Center
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$377,663	Q4.S.B	Salk Institute for Biological Studies
Integrated play groups: Promoting social communication and symbolic play with peers across settings in children with autism	\$0	Q4.S.F	San Francisco State University
Autism iPSCs for studying function and dysfunction in human neural development	\$460,152	Q4.S.B	Scripps Research Institute
Virtual Environment for Social Information Processing (VESIP) Phase II	\$163,841	Q4.Other	Soar Technology, Inc..
Desensitization techniques for difficult behaviors	\$50,000	Q4.Other	Southwest Autism Research & Resource Center (SARRC)
Factors associated with positive outcomes for children and youth with autism: Secondary analysis of data from SEELS and NLTS2	\$342,223	Q4.L.D	SRI International
Developing a new model system to study mechanisms of attention control	\$0	Q4.S.B	Stanford University

Project Title	Funding	Strategic Plan Objective	Institution
16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	Stanford University
Using induced pluripotent stem cells to identify cellular phenotypes of autism	\$792,000	Q4.S.B	Stanford University
Exploring the neuronal phenotype of autism spectrum disorders using induced pluripotent stem cells	\$366,529	Q4.S.B	Stanford University
Randomized controlled trial of oxytocin treatment for social deficits in children with autism	\$50,600	Q4.L.A	Stanford University
Association of cholinergic system dysfunction with autistic behavior in fragile X syndrome: Pharmacologic and imaging probes	\$92,469	Q4.L.A	Stanford University
Pivotal response group treatment for parents of young children with autism	\$0	Q4.L.D	Stanford University
Using induced-pluripotent stem cells to study Phelan McDermid Syndrome	\$40,000	Q4.S.B	Stanford University School of Medicine
Emergent communication skills of nonverbal children with autism facilitated by relational responding	\$58,094	Q4.S.G	Swansea University
Increasing variability of verbal initiations through the responses of conversation patterns	\$20,000	Q4.Other	Texas Christian University
Using lag schedules of reinforcement to teach play skills to children with autism spectrum disorders	\$20,000	Q4.L.D	Texas State University
Patient iPS cells with copy number variations to model neuropsychiatric disorders	\$336,050	Q4.S.B	The Hospital for Sick Children
Transgenic and knockout approaches to study protocadherin function	\$228,750	Q4.S.B	The Ohio State University
2/5-Randomized trial of parent training for young children with autism	\$213,407	Q4.S.D	The Ohio State University
2/3-Atomoxetine placebo and parent training in autism	\$350,730	Q4.S.F	The Ohio State University
Evaluation of synchronous online parent skill training	\$10,000	Q4.L.D	The Research Foundation of the State University of New York
Pocket Potty Program - Toilet training for children with developmental disabilities	\$74,730	Q4.Other	The Sandbox Learning Company
Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism	\$0	Q4.S.C	Thomas Jefferson University
Deficits in tonic inhibition and the pathology of autism spectrum disorders	\$156,250	Q4.S.B	Tufts University
Role of astrocytic glutamate transporter GLT1 in fragile X	\$40,000	Q4.S.B	Tufts University
Role of Caspr2 (CNTNAP2) in brain circuits - Project 1	\$79,525	Q4.S.B	Universidad Miguel Hernandez
Development of an intervention to enhance the social competencies of children with Asperger's/high functioning autism spectrum disorders	\$0	Q4.L.D	University at Buffalo, The State University of New York

Project Title	Funding	Strategic Plan Objective	Institution
16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	University of California, Davis
Effects of chronic intranasal oxytocin	\$568,507	Q4.S.B	University of California, Davis
Double-blind placebo controlled trial of subcutaneous methyl B12 on behavioral and metabolic measures in children with autism	\$0	Q4.S.C	University of California, Davis
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$0	Q4.S.D	University of California, Davis
Identifying markers for treatment response to cognitive training in autism spectrum disorders	\$153,999	Q4.S.F	University of California, Davis
Controlled trial of sertraline in young children with Fragile X Syndrome	\$285,970	Q4.L.A	University of California, Davis
Expanding the reach of toddler treatment in autism	\$0	Q4.L.D	University of California, Davis
Virtual reality applications for the study of attention and learning in children with autism and ADHD	\$369,546	Q4.L.D	University of California, Davis
Anxiety treatment for children with autism and intellectual disability	\$26,040	Q4.S.A	University of California, Los Angeles
Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	\$58,000	Q4.S.B	University of California, Los Angeles
Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	\$79,584	Q4.S.B	University of California, Los Angeles
Daily ratings of ASD Symptoms with digital media devices: An initial validity study	\$150,000	Q4.S.C	University of California, Los Angeles
Autism Intervention Research Network on Behavioral Health (AIR-B network)	\$1,405,365	Q4.S.D	University of California, Los Angeles
1/3-Multisite RCT of early intervention for spoken communication in autism	\$540,947	Q4.S.F	University of California, Los Angeles
A novel parent directed intervention to enhance language development in nonverbal children with ASD	\$0	Q4.S.G	University of California, Los Angeles
Developmental and augmented intervention for facilitating expressive language	\$0	Q4.S.G	University of California, Los Angeles
ACE Network: Adaptive interventions for minimally verbal children with ASD in the community	\$2,755,427	Q4.S.G	University of California, Los Angeles
ACE Center: Augmenting language interventions for ASD: A translational approach	\$281,072	Q4.L.A	University of California, Los Angeles
New experimental medicine studies: Fast-Fail Trials in autism spectrum disorders	\$115,889	Q4.L.A	University of California, Los Angeles
ACE Center: Targeting joint engagement in infants at risk for ASD: Integrating treatment with biomarkers	\$279,987	Q4.L.B	University of California, Los Angeles
Cognitive behavioral therapy for core autism symptoms in school-age children	\$0	Q4.L.D	University of California, Los Angeles
Deployment focused model of JASPER for preschoolers with autism spectrum disorders	\$0	Q4.L.D	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
Treatment of Autism Symptoms in Children (TASC): Initial RCT with active control	\$385,000	Q4.Other	University of California, Los Angeles
Improving synchronization and functional connectivity in autism spectrum disorders through plasticity-induced rehabilitation training	\$0	Q4.S.F	University of California, San Diego
The effectiveness of an evidence-based parent training intervention in a community service setting	\$0	Q4.L.D	University of California, San Diego
Wireless EEG system for training attention and eye movement in ASD	\$271,250	Q4.Other	University of California, San Diego
Role of a novel Wnt pathway in autism spectrum disorders	\$300,000	Q4.S.B	University of California, San Francisco
Quantitative analysis of effect of autism-related genes on behavioral regulation	\$102,000	Q4.S.B	University of California, San Francisco
Impact of an autism associated mutation in DACT1 on brain development and behavior	\$45,000	Q4.S.B	University of California, San Francisco
Insight into MeCP2 function raises therapeutic possibilities for Rett syndrome	\$290,087	Q4.S.B	University of California, San Francisco
Dissecting the neural control of social attachment	\$764,775	Q4.S.B	University of California, San Francisco
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$315,375	Q4.S.B	University of California, San Francisco
Effect of abnormal calcium influx on social behavior in autism	\$156,250	Q4.S.B	University of California, San Francisco
Internet-based trial of omega-3 fatty acids for autism spectrum disorder	\$62,500	Q4.S.C	University of California, San Francisco
Metabolic signature of antipsychotics used in the treatment of autism	\$0	Q4.L.C	University of Cincinnati
Effects of therapeutic horseback riding on children and adolescents with autism spectrum disorders	\$298,618	Q4.S.C	University of Colorado Denver
Training outpatient clinicians to deliver cognitive behavior therapy to children	\$238,101	Q4.S.C	University of Colorado Denver
LEAP-USA follow-up project	\$399,864	Q4.S.D	University of Colorado Denver
Peer-mediated interventions for elementary school students with autism spectrum disorders	\$8,194	Q4.L.D	University of Colorado Denver
Embodied rhythm interventions for children with autism spectrum disorders	\$60,000	Q4.S.C	University of Connecticut
Robot child interactions as an intervention tool for children with autism	\$341,773	Q4.Other	University of Connecticut
Customized representations promote language learning for older learners with ASD	\$76,500	Q4.S.G	University of Delaware
Developing a novel treatment for restricted inflexible behavior	\$178,061	Q4.Other	University of Florida

Project Title	Funding	Strategic Plan Objective	Institution
Cellular and molecular pathways of cortical afferentation in autism spectrum disorders	\$0	Q4.S.B	University of Geneva
iSKILLS : The audio/video guidance repository for life skills	\$398,120	Q4.L.D	University of Georgia
The genetic control of social behavior in the mouse	\$342,540	Q4.S.B	University Of Hawai'i at Manoa
Making words meet: Using computerized feedback to facilitate word combinations in children with ASD	\$0	Q4.S.G	University of Illinois at Urbana Champaign
Visualizing voice	\$0	Q4.S.G	University of Illinois at Urbana Champaign
Transitions from augmentative or alternative communication (AAC) to speech: A pilot investigation	\$0	Q4.S.G	University of Kansas
Improving social-communication, literacy, and adaptive behaviors for young children with autism spectrum disorders	\$745,000	Q4.L.D	University of Kansas
Phase 2: Animated Visual Support for Social Support (AV/ISSS); An interactive virtual experience for social skill development	\$299,411	Q4.Other	University Of Kansas Center For Research, Inc. -- Sped - Special Education Educ Education Administration - Sped - Special Education Educ Education Administration
PASS: Parent-mediated intervention for autism spectrum disorders (ASD) in South Asia	\$149,993	Q4.S.D	University of Liverpool
Metabolic factors affecting gamma synchrony	\$25,000	Q4.S.C	University of Louisville
Behavioral and psycho-physiological study of attentional, perceptual, and emotional processing after treatment with ambient prism lenses and visuo-motor exercises in children with autism spectrum disorder	\$0	Q4.S.C	University of Louisville
Electrophysiological and behavioral outcomes of Auditory Integration Training (AIT) in autism	\$10,000	Q4.S.C	University of Louisville
Building a selective inhibitory control tone in autism: An rTMS study	\$219,780	Q4.Other	University of Louisville
Investigating the role of CNTNAP2 gene in vocal learning in mutant songbirds	\$249,063	Q4.S.B	University of Massachusetts Medical School
Optimizing initial communication for children with autism	\$348,461	Q4.S.G	University of Massachusetts Medical School
Contingency analyses of observing and attending in intellectual disabilities	\$276,181	Q4.S.G	University of Massachusetts Medical School
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Identifying socially-based reinforcers for young children with ASD	\$10,000	Q4.Other	University of Miami
Early intervention in an underserved population	\$73,219	Q4.L.D	University of Michigan

Project Title	Funding	Strategic Plan Objective	Institution
The effects of the Hane Face Window© on perceptual processing of children with autism spectrum disorders (ASD)	\$16,300	Q4.S.C	University of Minnesota
Predictors of effects of propranolol on language & connectivity in autism	\$192,150	Q4.S.F	University of Missouri
Developing a school-based social competence intervention (SCI)	\$0	Q4.L.D	University of Missouri
Evaluating the efficacy of the school-based Social Competence Intervention for Adolescents (SCI-A) with high functioning autism	\$797,258	Q4.L.D	University of Missouri
Developing a 3D-based virtual learning environment for use in schools to enhance the social competence of youth with autism spectrum disorder	\$0	Q4.L.D	University of Missouri
Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	\$48,500	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Small-molecule compounds for treating autism spectrum disorders	\$350,000	Q4.S.B	University of North Carolina at Chapel Hill
Role of UBE3A in neocortical plasticity and function	\$77,686	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Advancing Social-Communication and Play (ASAP): An intervention program for preschoolers with autism	\$859,119	Q4.S.D	University of North Carolina at Chapel Hill
ACE Network: Study of Oxytocin in Autism to Improve Reciprocal Social Behaviors (SOARS-B)	\$2,589,347	Q4.L.A	University of North Carolina at Chapel Hill
Efficacy of a parent-mediated intervention for one-year-olds at risk for autism	\$685,483	Q4.L.D	University of North Carolina at Chapel Hill
Efficacy of the home TEACCHing program for toddlers with autism	\$299,995	Q4.L.D	University of North Carolina at Chapel Hill
Social communication and symbolic play intervention for preschoolers with autism	\$0	Q4.L.D	University of North Carolina at Chapel Hill
Outcomes of a community center-based program for toddlers with autism spectrum disorders	\$9,120	Q4.L.D	University of North Carolina at Chapel Hill
Comparison of two comprehensive treatment models for preschool-aged children with autism spectrum disorders and their families	\$0	Q4.L.D	University of North Carolina at Chapel Hill
Center on Secondary Education for Students with Autism Spectrum Disorders (CSESA)	\$2,000,903	Q4.L.D	University of North Carolina at Chapel Hill
Project DATA: A multisite evaluation of a school-based model for preschoolers with autism	\$650,000	Q4.S.D	University of Oklahoma

Project Title	Funding	Strategic Plan Objective	Institution
Evaluation of a comprehensive community-based intervention for toddlers with ASD	\$707,793	Q4.S.D	University of Oklahoma
Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	\$0	Q4.S.B	University of Pennsylvania
Adverse prenatal environment and altered social and anxiety-related behaviors	\$45,000	Q4.S.B	University of Pennsylvania
Efficacy and sustainability of the STAR program	\$0	Q4.S.D	University of Pennsylvania
Tailored behavioral intervention for insomnia in children with autism spectrum disorders	\$159,975	Q4.S.H	University of Pennsylvania
Leadership Education in Neurodevelopmental Disabilities	\$26,000	Q4.Other	University of Pennsylvania
5/5-Randomized trial of parent training for young children with autism	\$236,220	Q4.S.D	University of Pittsburgh
1/3-Atomoxetine placebo and parent training in autism	\$269,976	Q4.S.F	University of Pittsburgh
Evidence-based cognitive rehabilitation to improve functional outcomes for young adults with autism spectrum disorders	\$100,000	Q4.S.F	University of Pittsburgh
A randomized clinical trial of cognitive enhancement therapy for adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh
Treatment of sleep disturbances in young children with autism	\$214,889	Q4.S.H	University of Pittsburgh
Adapting cognitive enhancement therapy for ASD	\$213,586	Q4.Other	University of Pittsburgh
3/5-Randomized trial of parent training for young children with autism	\$230,655	Q4.S.D	University of Rochester
2/3-Multisite RCT of early intervention for spoken communication in autism	\$391,019	Q4.S.F	University of Rochester
3/3-Atomoxetine placebo and parent training in autism	\$263,639	Q4.S.F	University of Rochester
Behavioral and physiological consequences of disrupted Met signaling	\$400,000	Q4.S.B	University of Southern California
HCC-Medium: Personalized socially-assistive human-robot interaction: Applications to autism spectrum disorder	\$19,420	Q4.Other	University of Southern California
Evaluation of a melanocortin agonist to improve social cognition in ASD.	\$74,675	Q4.L.A	University of Sydney
Tooth pulp as a source for neuronal precursor cells to study neurogenetic disorders	\$187,344	Q4.S.B	University of Tennessee Health Science Center
Animal model of speech sound processing in autism	\$283,249	Q4.S.B	University of Texas at Dallas
OCT blockade to restore sociability in 5-HT transporter knock-out mice	\$74,250	Q4.S.B	University of Texas Health Science Center at San Antonio
Novel therapeutic targets to treat social behavior deficits in autism and related disorders	\$0	Q4.S.B	University of Texas Health Science Center at San Antonio

Project Title	Funding	Strategic Plan Objective	Institution
Novel genetic models of autism	\$337,875	Q4.S.B	University of Texas Southwestern Medical Center
Shank3 mutant characterization in vivo	\$0	Q4.S.B	University of Texas Southwestern Medical Center
Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	\$56,900	Q4.S.B	University of Texas Southwestern Medical Center
Novel genetic models of autism (supplement)	\$99,773	Q4.S.B	University of Texas Southwestern Medical Center
Temporally controlled genetic rescue of Shank3 autism model	\$60,000	Q4.S.B	University of Texas Southwestern Medical Center
Striatal synaptic abnormalities in models of autism	\$397,396	Q4.S.B	University of Texas Southwestern Medical Center
Neurologin function in vivo: Implications for autism and mental retardation	\$388,575	Q4.S.B	University of Texas Southwestern Medical Center
A mouse model for human chromosome 7q11.23 duplication syndrome	\$0	Q4.S.B	University of Toronto
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$250,080	Q4.S.D	University of Washington
Preschool reading and language interventions for children with autism	\$299,795	Q4.L.D	University of Washington
Evaluating hyperserotonemia as a biomarker of sensory dysfunction in autism spectrum disorder	\$28,600	Q4.S.B	Vanderbilt University
Related services intervention for expressive and receptive language skills in autism spectrum disorder and in cognitive impairment	\$0	Q4.L.D	Vanderbilt University
Peer support and peer network interventions to improve peer relationships and school engagement	\$641,771	Q4.L.D	Vanderbilt University
A novel adaptive transactional virtual reality-based assistive technology for autism intervention	\$104,814	Q4.Other	Vanderbilt University
Parent-based sleep education program for children with autism spectrum disorders	\$0	Q4.Other	Vanderbilt University
Modeling the serotonin contribution to autism spectrum disorders	\$236,532	Q4.S.B	Vanderbilt University Medical Center
Neurobiological signatures of social dysfunction and repetitive behavior	\$395,672	Q4.S.B	Vanderbilt University Medical Center
Adaptive response technology for autism spectrum disorders intervention	\$371,470	Q4.Other	Vanderbilt University Medical Center
Serotonin, autism, and investigating cell types for CNS disorders	\$246,794	Q4.S.B	Washington University in St. Louis
Early pharmacotherapy guided by biomarkers in autism (supplement)	\$260,000	Q4.S.F	Wayne State University
ACE Network: Early pharmacotherapy guided by biomarkers in autism	\$1,996,122	Q4.S.F	Wayne State University
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder	\$284,658	Q4.S.D	Weill Cornell Medical College

Project Title	Funding	Strategic Plan Objective	Institution
Behavioral and neural underpinnings of learning in autism predict response to intervention	\$48,000	Q4.S.F	Weill Cornell Medical College
Role of Caspr2 (CNTNAP2) in brain circuits- Core	\$89,999	Q4.S.B	Weizmann Institute of Science
Efficacy of a qigong massage methodology for children with ASD aged 3-11 years	\$242,590	Q4.L.D	Western Oregon University
Using zebrafish and chemical screening to define function of autism genes	\$0	Q4.S.B	Whitehead Institute for Biomedical Research
Cellular and genetic correlates of increased head size in autism spectrum disorder	\$393,455	Q4.S.B	Yale University
Integrated approach to the neurobiology of autism spectrum disorders	\$0	Q4.S.B	Yale University
Functional analysis of rare variants in genes associated with autism	\$146,625	Q4.S.B	Yale University
1/5-Randomized trial of parent training for young children with autism	\$415,097	Q4.S.D	Yale University
Pivotal response treatment for infants at risk for ASD: A pilot intervention	\$83,000	Q4.L.B	Yale University

